

ABSTRACT

The system and methods described herein relate to reporting the supply level of a marking agent (e.g., toner) in a print device cartridge. An algorithm executes to smooth over inaccuracies in measured values received from a hardware supply level sensor.

5 Through seeding an initial report level and adjusting that level based on average groups of sensor readings that exclude outlying values, the algorithm facilitates supply level reports that follow a naturally decreasing trend throughout the life of a print device cartridge.

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